

VIBRATIONAL SPECTROSCOPY, VOL. 2 (1991)

AUTHOR INDEX

- Andor, J.A., see Dreveni, I. 205
- Arnold, G.
Measurements of the spectral emittance of particulate minerals and some remote sensing implications 245
- Badilescu, I.I., see Badilescu, S. 33
- Badilescu, S.
—, Comeau, R. and Badilescu, I.I.
Fourier transform infrared analysis of evolved species in catalytic oxidative pyrolysis of polyethylene 33
- Barańska, H., see Lewandowski, W. 211
- Berkési, O., see Dreveni, I. 205
- Booij, A.S., see Konings, R.J.M. 251
- Bruce, A.E., see Saravanamuthu, A. 101
- Bruce, M.R.M., see Saravanamuthu, A. 101
- Carter III, R.O.
—, Poindexter, B.D. and Weber, W.H.
Vibrational spectra of copper formate tetrahydrate, copper formate dihydrate and three anhydrous forms of copper formate 125
- Christian, G.D., see Guzman, M. 1
- Comeau, R., see Badilescu, S. 33
- Cordfunke, E.H.P., see Konings, R.J.M. 251
- Crawford, G.E., see Semmler, J. 189
- Davies, A.M.C.
—, Franklin, J.G., Grant, A., Griffiths, N.M., Shepherd, R. and Fenwick, G.R.
Prediction of chocolate quality from near-infrared spectroscopic measurements of the raw cocoa beans 161
- Dreveni, I.
—, Berkési, O., Janovics, I., Andor, J.A. and Mink, J.
Fourier transform infrared spectroscopic study on the molecular structure of bis(butanoato)zinc(II) and μ_4 -oxohexa- μ -butanoatotetrazinc(II) complexes 205
- Dulce G. Faria, M.
—, Teixeira-Dias, J.J.C. and Fausto, R.
Conformational stability for methyl acrylate: a vibrational spectroscopic and ab initio MO study 43
- Dulce G. Faria, M.
—, Teixeira-Dias, J.J.C. and Fausto, R.
Vibrational spectra and structure of methyl *trans*-crotonate 107
- Everall, N.
— and Lumsdon, J.
Variations in relative band intensities in Fourier transform Raman spectra as a function of sample alignment. Preliminary observations 257
- Fausto, R., see Dulce G. Faria, M. 43
- Fausto, R., see Dulce G. Faria, M. 107
- Fenwick, G.R., see Davies, A.M.C. 161
- Fitzgerald, L.J.
—, Gerkin, R.E. and Renkes, G.D.
Infrared spectra of naphthalene-1,8-dicarboxylic acid and naphthalene-1,8-dicarboxylic anhydride 269
- Ford, T.A., see Yeo, G.A. 173
- Förster, H., see Zakhariyeva-Pencheva, O. 227
- Franklin, J.G., see Davies, A.M.C. 161
- Gerkin, R.E., see Fitzgerald, L.J. 269
- Grant, A., see Davies, A.M.C. 161
- Griffiths, N.M., see Davies, A.M.C. 161
- Guzman, M.
—, Ruzicka, J., Christian, G.D. and Shelley, P.
Enhancement of Fourier transform infrared spectrometry by the flow-injection technique: transmittance and internal total reflectance cell in a single-line system 1
- Hatta, A., see Wadayama, T. 239
- Hermon, H.
—, Roth, M., Schieber, M. and Shamir, J.
Determination of micro amounts of mercury(I) iodide in mercury(II) iodide by Raman spectrometry 155
- Janovics, I., see Dreveni, I. 205
- Koenig, J.L., see Sargent, M. 21
- Kondyurin, A.V.
—, Kozulin, A.T. and Mikov, S.N.
Fragment method for the study of hydrogen bonding in polymers 183
- Konings, R.J.M.
—, Booij, A.S. and Cordfunke, E.H.P.
High-temperature infrared study of the vaporization of CsI, CdI₂ and Cs₂CdI₄ 251
- Kozulin, A.T., see Kondyurin, A.V. 183

- Laserna, J.J., see Rupérez, A. 145
- Leroux, N., see Migchels, P. 81
- Lewandowski, W.
— and Barańska, H.
Comparison of the influence of silver, iron(III) and chromium(III) on the aromatic system of benzoic and salicylic acids in hydrated and anhydrous complexes 211
- Lumsdon, J., see Everall, N. 257
- Luoma, D.A., see Nyquist, R.A. 61
- Migchels, P.
—, Leroux, N. and Zeegers-Huyskens, Th.
Fourier transform infrared spectrometric study of the interaction between hexa-2,4-dienylideneisopropylamine and 3-phenylprop-2-enylideneisopropylamine with model proton donors. Part I. Thermodynamic parameters, $\bar{\nu}_{C=N}$ and $\bar{\nu}_{OH}$ stretching vibrations 81
- Migchels, P.
— and Zeegers-Huyskens, Th.
Fourier transform infrared spectrometric study of the interaction between hexa-2,4-dienylideneisopropylamine and 3-phenylprop-2-enylideneisopropylamine with model proton donors. Part II. Isotopic ratio $\bar{\nu}_{OH}/\bar{\nu}_{OD}$ and 1500–800 cm^{-1} spectral range 89
- Mikov, S.N., see Kondyurin, A.V. 183
- Mink, J., see Dreveni, I. 205
- Mizuseki, H., see Wadayama, T. 239
- Montes, R., see Rupérez, A. 145
- Nyquist, R.A.
—, Luoma, D.A. and Wilkening, D.W.
Infrared study of 14H-dibenzo[*a,j*]xanthen-14-one in various solvents 61
- Nyquist, R.A.
Infrared study of alkyl acetates in various solvents 221
- Okamura, E.
—, Umemura, J. and Takenaka, T.
Fourier transform infrared/attenuated total reflection study on subtransition of hydrated dipalmitoylphosphatidylcholine multibilayers 95
- Petty, C.J.
Self-absorption in near-infrared Fourier transform Raman spectrometry 263
- Poindexter, B.D., see Carter III, R.O. 125
- Proniewicz, L.M.
Influence of vibrational coupling on resonance Raman spectra of the $^{18}\text{O}_2$ adducts of cobalt(II) "jellyfish" porphyrin-imidazole complexes 135
- Renkes, G.D., see Fitzgerald, L.J. 269
- Roth, M., see Hermon, H. 155
- Rupérez, A.
—, Montes, R. and Laserna, J.J.
Identification of stimulant drugs by surface-enhanced Raman spectrometry on colloidal silver 145
- Ruzicka, J., see Guzman, M. 1
- Saravanamuthu, A.
—, Bruce, A.E. and Bruce, M.R.M.
Compact Fourier transform infrared spectrometer inside a glove box: Fourier transform spectroelectrochemistry and other applications 101
- Sargent, M.
— and Koenig, J.L.
Fourier transform infrared spectroscopic analysis of poly(vinylidene fluoride)-poly(vinyl acetate) blends 21
- Schieber, M., see Hermon, H. 155
- Semmler, J.
—, Yang, P.W. and Crawford, G.E.
Gas chromatography/Fourier transform infrared studies of gas-phase polynuclear aromatic hydrocarbons 189
- Shamir, J., see Hermon, H. 155
- Shelley, P., see Guzman, M. 1
- Shepherd, R., see Davies, A.M.C. 161
- Szilágyi, T.
Fourier transform infrared studies of ethylene and acetylene adsorbed on a silica-supported platinum catalyst 29
- Takenaka, T., see Okamura, E. 95
- Teixeira-Dias, J.J.C., see Dulce G. Faria, M. 43
- Teixeira-Dias, J.J.C., see Dulce G. Faria, M. 107
- Thompson, M.M.
Fourier transform infrared microspectrometric solutions to quality control problems in the tobacco industry 15
- Umemura, J., see Okamura, E. 95
- Wadayama, T.
—, Mizuseki, H. and Hatta, A.
In situ observation of chemical vapour-deposited titanium oxide films by double-modulation infrared emission spectrometry 239
- Weber, W.H., see Carter III, R.O. 125
- Wilkening, D.W., see Nyquist, R.A. 61
- Yang, P.W., see Semmler, J. 189
- Yeo, G.A.
— and Ford, T.A.
Matrix isolation infrared spectrum of the water-hydroxylamine complex 173
- Zakharieva-Pencheva, O.
— and Förster, H.
Normal coordinate analysis of molecules adsorbed on zeolite surfaces. Part III. *cis*- and *trans*-but-2-ene in the gas phase and adsorbed in zeolites A 227
- Zeegers-Huyskens, Th., see Migchels, P. 81
- Zeegers-Huyskens, Th., see Migchels, P. 89

